

COMBINED DECLARATION AND POWER OF ATTORNEY

s a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated perlow next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>COMPOSITIONS FOR INHALATION</u>, the specification of which

☐ is attached hereto.	
was filed on June 23, 1994	as Application Serial No. 08/265,237
and was amended on	·
was described and claimed in	PCT International Application No.
filed on	and as amended under PCT Article 19 on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED
Sweden	9400371-2	February 4, 1994	■ Yes □ No
Sweden	9302198-8	June 24, 1993	■ Yes □ No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: William E. Booth, Reg. No. 28,933; Barry E. Bretschneider, Reg. No. 28,055; Paul T. Clark, Reg. No. 30,162; Willis M. Ertman, Reg. No. 18,658; David L. Feigenbaum, Reg. No. 30,378; Janis K. Fraser, Reg. No., 34,819; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; Alan H. Gordon, Reg. No. 26,168; Mark J. Hebert, Reg. No., 31,766; Gilbert H. Hennessey, Reg. No. 25,759; Charles Hieken, Reg. No. 18,411; Robert E. Hillman, Reg. No. 22,837; G. Roger Lee, Reg. No. 28,963; Steven E. Lipman, Reg. No. 30,011; Gregory A. Madera, Reg. No. 28,878; Ralph A. Mittelberger, Reg. No. 33,195; Ronald E. Myrick, Reg. No. 26,315; Robert C. Nabinger, Reg. No. 32,431; Frank P. Porcelli, Reg. No. 27,374; Eric L. Prahl, Reg. No. 32,590; Barbara Rae-Venter, Reg. No. 32,750; Alan D. Rosenthal, Reg. No. 27,833; John M. Skenyon, Reg. No. 27,468; Michael O. Sutton, Reg. No. 26,675; Rene D. Tegtmeyer, Reg. No. 33,567; Hans R. Troesch, Reg. No. 36,950; John N. Williams, Reg. No. 18,948; Gary A. Walpert, Reg. No. 26,098; Dorothy P. Whelan, Reg. No., 33,814; and Charles C. Winchester, Reg. No. 21,040.

Address all telephone calls to Janis K. Fraser, Esq. at telephone number 617/542-5070.

Address all correspondence to <u>Janis K. Fraser, Esq., Fish & Richardson, 225 Franklin Street</u>, Boston, MA 02110-2804.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful take statements may jeopardize the validity of the application or any patents issued thereon. 1 - OO

Full Name of Inventor: Kiell Goran Frik Bäckström
Inventor's Signature: Will Gram Enk Bichel Date: August 16 1994
Residence Address: Notariegränden 4 S-226 47 Lund, Sweden 55
Citizen of: Sweden
Post Office Address: Notariegränden 4 S-226 47 Lund, Sweden
7-00
Full Name of Inventor: Carl Magnus Olof Dablbäck
Inventor's Signature: Cash Reger Old Callede Date: August 18, 1994
Residence Address: Sköldgränden 10 S-224 75 Lund, Sweden SE
Citizen of: Sweden
Post Office Address: Sköldgränden 10 S-224 75 Lund, Sweden
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Full Name of Inventor: Betch Edman
Inventor's Signature: Tether Date: August 25, 1994
Residence Address: Kamrersvägen 18 S-237 34 Bjärred, Sweden SEX
Citizen of: Sweden
Post Office Address: Kamrersvägen 18 S-237 34 Bjärred, Sweden
4-00
Full Name of Inventor: Ann Charlotte Birgit Johansson
Inventor's Signature: Que Charlotte Bigit Phanson Date: August 23, 1994
Residence Address: Arkeologyägen 65 S-226 54 Lund, Sweden 5 B
Citizen of: Sweden
Post Office Address: Arkeologvägen 65 S-226 54 Lund, Sweden

S	substitute Form PTO-1595	Attorney Docket No.: 06275
/ -	PAT PAT	TENTS ONLY
<u> </u>	commissioned of Patents and Trademarks: Please r	ecord the attached original document.
P. 17.	1994 (1994) Name of conveying party(ies): **Migligitation Erik Bäckström, Carl Magnus Olof aniback, Peter Edman, Ann Charlotte Birgit chansson	Name and address of receiving party(ie _{a)} : AB Astra S-151 85 Sodertalje, Sweden
	Additional name(s) attached? ☐ Yes ■ No	Additional names/addresses attached? ☐ Yes ■ No
(3)	Nature of conveyance:	• .
	☐ Security Agreement☐ Change of Name	RECEIVED
	. → □ Other:	
		ocr 1 4 199.
	Execution Date: August 16, 1994, August 18, 1994, August 25, 1994, August 23, 1994	APPLICATION DIVISION APPLICATION DIVISION APPLICATION DIVISION RECEIVED The execution date of the application is: B. Patent No.(s): The execution date of the application is: B. Patent No.(s):
4	Application number(s) or patent number(s):	EN - C
	If this document is being filed with a new applica A. Patent Application No.(s): 08/265,237	APPLICATION APPLI
		7
	Additional num	nbers attached? ☐ Yes ■ No ♀ ♀ ♀
(5.)	Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
	Janis K. Fraser	(7.) Total fee (37 CFR 3.41): \$40
•	Fish & Richardson	■ Enclosed □ Authorized to charge deposit account
	225 Franklin Street Boston, MA 02110-2804	
	20000H, HDC 02110-2004	8. Deposit account number: 06-1050
		If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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(9 .	Statement and signature: To the best of my know and the attached is the original document.	ledge and belief, the foregoing information is true and correct
	Jania K Erosas Esa	111500 21 10011
	Name of Person Signing Total number of pages including	ture Date Date Cover sheet, attachments, and document: 3 – /
		Date of Deposit I hereby certify under 17 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.
	040 AH 09/13/94 08265237	1 58 My Som Brawley

ASSIGNMENT

For valuable consideration, we, Kjell Göran Erik Bäckström, of Lund, Sweden; Carl Magnus Olof Dahlbäck of Lund, Sweden; Peter Edman of Bjärred, Sweden; and Ann Charlotte Birgit Johansson of Lund, Sweden; hereby assign to AB Astra, a Sweden corporation having a place of business at Södertälje, Sweden, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,237, filed June 23, 1994, entitled COMPOSITIONS FOR INHALATION

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _	Lund	
this <u>16th</u> day of <u>August</u> , 1994		
Mich Goran Erih Beig Inventor's Name: KJELL GÖRA	LIN — AN ERIK BÄCKSTRÖM	_ L.S.
Witnessed by: <u>lin Bredenfeldt</u> Name: <u>Ein Bredenfeldt</u>	Date: <u>August 16, 1994</u>	
Witnessed by: Elisabet hindaux		
Name: Elisabet Lincquist	Date: August 16, 1994	

IN WITNESS WHEREOF, I eto et my hand and seal at	
this 18th day of AUGUST, 1994	
Inventor's Name: CARL MAGNUS OF DAHI BÄCK	Ls.
Witnessed by: Kars Pont	
Witnessed by: Margit Pryt 2 Date: 74.08.18	
Witnessed by: De lehde	
Name: Olc Norbinh Date: 940818	
* * *	
IN WITNESS WHEREOF, I hereto set my hand and seal at	
this 15th day of August, 1994	
Pete Elm	
Inventor's Name: PETER EDMAN	L.S.
Witnessed by: Maga-Line Knos Date: 940825	יוכנר
Name: Name: 940825	
Witnessed by: Pargitta Quelersson	17 +
Name: BIEGITTA ANDERSSON Date: 94-08-25	-KAML
* * *	
IN WITNESS WHEREOF, I hereto set my hand and seal at	
this 23 rd day of August, 1994	
Inventor's Name: ANN CHARLOTTE BIRGIT JOHANSSON Witnessed by: Henri Hammen	L.S.
Name: Henri Hansson Date: 940823	
Witnessed by: Heller SEP-6	94
20.00	ED ADEMARY
PAICHT AND TH. OFFICE	ADEMARK -

DATE: 11/10/94

TO:

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JANIS K. FRASER FISH & RICHARDSON 225 FRANKLIN STREET BOSTON, MA 02110-2804

DEC 1 2 1994 FISH & RICHARDSON BOSTON, MA

UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRALEY THIS EVED Washington, D.C. 20231

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR OUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 08/16/94

BACKSTROM, KJELL GORAN ERIK

ASSIGNOR:

DOC DATE: 08/18/94

DAHLBACK, CARL MAGNUS OLOF

ASSIGNOR:

DOC DATE: 08/25/94

EDMAN, PETER

ASSIGNOR:

DOC DATE: 08/23/94

JOHANSSON, CHARLOTTE BIRGIT

RECORDATION DATE: 09/06/94

NUMBER OF PAGES 003 REEL/FRAME 7171/0415

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

AB ASTRA

S-151

85 SODERTALJE, SWEDEN

SERIAL NUMBER PATENT NUMBER

8-265371

FILING DATE 06/23/94

ISSUE DATE

00/00/00

EXAMINER/PARALEGAL

ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

No Docketing Required *

Reviewed Py

Initials:

Reviewed By Billing Secretary

Initials:

Substitute Form PTO-1595		Attorn	ey Docket No.: 06275/005001
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ommissioner of Patents and Tra	demarks: Please record	the attached original docume	nt.
1994 Name of conveying party(ies) Manage Wilell Göran Erik Bäckström, Baniback, Peter Edman, Ann Ch Johansson	: Carl Magnus Olof		of receiving party(ies):
Additional name(s) attached?	☐ Yes ■ No	Additional names/ad	ldresses attached? ☐ Yes ■ No
3. Nature of conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:		RECEIVED	REL7171 FRA RECEIVED 94 NOV -2 PM ASSIGNMENT BE
Execution Date: August 16, 1 1994, August 25, 1994, August 25, 1994, August 25, 1994, August 26, 1994, Augus		APPLICATION DIVISIO	W ANC (ANC)
4. Application number(s) or pate If this document is being filed A. Patent Application No.(s): 08/265,371	with a new application	, the execution date of the app B. Patent No.(s):	01
	Additional numbers	s attached? ☐ Yes ■ No	
Name/address of party to who concerning document should Janis K. Fraser Fish & Richardson 225 Franklin Street Boston, MA 02110-2804	be mailed:	7 Total fee (37 CFR 3. Enclosed Authorized to char 8 Deposit account nur If the fee above is be account, a duplicate attached. Please ap any credits, to our D	rge deposit account
	DO NOT U	SE THIS SPACE	93708328
Janis K. Fraser, Esq. Name of Person Signing	al document. Signature	Date of Deposit	Date Date Date States Postal Service as age on the date indicated amissioner of Patents and
080 MC 07/13/74 08	3265371	Chery Ann Br	Δ \mathcal{L}

ASSIGNMENT

For valuable consideration, we, <u>Kjell Göran Erik Bäckström</u>, of <u>Lund, Sweden</u>; <u>Carl Magnus Olof Dahlbäck</u> of <u>Lund, Sweden</u>; <u>Peter Edman</u> of <u>Bjärred, Sweden</u>; and <u>Ann Charlotte Birgit Johansson</u> of <u>Lund, Sweden</u>; hereby assign to <u>AB Astra</u>, a <u>Sweden</u> corporation having a place of business at <u>Södertälje</u>, <u>Sweden</u>, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,371, filed June 23, 1994, entitled <u>SYSTEMIC ADMINISTRATION OF A THERAPEUTIC PREPARATION</u>

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand and seal at Lund this 16th day of August, 1994	,
Mell Goran Erite Biclest Inventor's Name: KJELL GÖRAN ERIK BÄCKSTRÖM Witnessed by:	L.S.
Witnessed by: Lia Braducfeldt Name: Eva Bradenfeldt Date: August 16, 1994	
Witnessed by: Elisabet Linclquist Name: Elisabet Linclquist Date: August 16, 1994	WAIIL IA

tins <u></u>	y of <u>August</u> , 1994			
	Carl fewers ald Edil	11.26	•	
		GNUS OLO	F DAHLBÄCK	
Witnessed by:	Cart Part			_
Name:	Marget Prysal	Date:	94.08.18	
Witnessed by:	De Vleelijk			_
	Ok Verbrink	Date:	940818	
Witnessed by:	Inventor's Name: PETER E	DMAN		
	11/2	DMAN		
Name:	/// / / // 4	Date:	940825	_
Vitnessed by:	Birgitla audersson		·, A	
Name:	BIRGITTA ANDERSON	Date:	94-08-25	
	* * *		nr copi	nen
		,	RECORI PATENT & TRADE	MĀRK OF
	EREOF, I hereto set my hand and seal	at <u>Lur</u>	sep-(<u>94</u>
this <u>asra</u> da	y of <u>August</u> , 19 <u>94</u>			
	Qui Charlotte Birgo Inventor's Name: ANN CHA		IRGIT JOHANSSON	
Witnessed by:	Henri Hannon			_
Mama	Henri Hansson	Date:	940823	

26275/203001

UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

STATES OF LINE

DATE: 01/09/95

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BOSOTN, MA 02110-2804

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ASSIGNOR:

DOC DATE: 08/16/94

BACKSTROM, KJELL GORAN ERIK

ASSIGNOR:

DOC DATE: 08/18/94

DAHLBACK, CARL MAGNUS OLOF

ASSIGNOR:

DOC DATE: 08/25/94

EDMAN, PETER

ASSIGNOR:

DOC DATE: 08/23/94

JOHANSSON, ANN CHARLOTTE

RECORDATION DATE: 09/06/94

NUMBER OF PAGES 003

REEL/FRAME 7231/0628

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

AB ASTRA

S-151

85 SODERTALJE, SWEDEN

SERIAL NUMBER

8-265372

FILING DATE 06/23/94

PATENT NUMBER

ISSUE DATE

00/00/00

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EXAMINER/PARALEGAL ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

Roving Required *

Roving Chicago Systems

Initial Chicago Systems

Reviewed By Billing Secretary

Initials: Calo

ASSIGNMENT

For valuable consideration, we, <u>Kjell Göran Erik Bäckström</u>, of <u>Lund, Sweden</u>; <u>Carl Magnus Olof Dahlbäck</u> of <u>Lund, Sweden</u>; <u>Peter Edman</u> of <u>Bjärred, Sweden</u>; and <u>Ann Charlotte Birgit Johansson</u> of <u>Lund, Sweden</u>; hereby assign to <u>AB Astra</u>, a <u>Sweden</u> corporation having a place of business at <u>Södertälje</u>, <u>Sweden</u>, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,372, filed June 23, 1994, entitled <u>THERAPEUTIC PREPARATION FOR INHALATION</u>

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand and seal at	,
Inventor's Name: KJELL GÖRAN ERIK BÄCKSTRÖM Witnessed by: Lea Budusklott	_ L.S. EE .7 2
Witnessed by:	—— w
Witnessed by: Elucabet Lindquist Date: August 16,1994	FRAME 6 2 C

IN WITNESS WHEREOF, I here Let my hand and seal at	
this 18th day of August, 1994	
Carl Plagers Olof Ochlick	L.S.
Inventor's Name: CARL MAGNUS OLOF DAHLBÄCK	
Witnessed by: Marget Pryd 2 Date: 94, 08, 18	
Witnessed by: (M. // Witnessed by:	
Name: Ola Marbinh Date: 990818	
* * *	
IN WITNESS WHEREOF, I hereto set my hand and seal at	
this 15th day of August, 1994	······································
Pete Sl.	
Inventor's Name: // PETER EDMAN	L.S.
Witnessed by: Mgo feel Kuis	
Name: MSA-LIL KNOS Date: 940825	
Witnessed by: <u>Airgitta Cluclesson</u> Name: <u>BIEGITTA ANDERSSON</u> Date: <u>940825</u>	1723
Name: BIRGITTA ANDERSSON Date: 940825	
* * *	AME 6
	3 0
IN WITNESS WHEREOF, I hereto set my hand and seal at	,
this 23rd day of August, 1994	
Inventor's Name: ANN CHARLOTTE BIRGIT JOHANSSON	L.S.
Witnessed by: Hour Harrion	
Name: Henri Hansson Date: 940823	
Witnessed by: Hellia Simble Date: 940823	
Name: Helena Linden Date: 940823	

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DOC DATE: 08/16/94

DOC DATE: 08/18/94

DOC DATE: 08/25/94

DOC DATE: 08/23/94



DATE: 11/14/94

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FISH & RICHARDSON JANIS K. FRASER 225 FRANKLIN STREET BOSTON, MA 02110-2804

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ASSIGNOR:

BACKSTROM, KJELL GORAN ERIK

ASSIGNOR:

DAHLBACK, CARL MAGNUS OLOF

ASSIGNOR:

EDMAN, PETER

ASSIGNOR:

JOHANSSON, ANN CHARLOTTE BIRGIT

RECORDATION DATE: 09/06/94 NUMBER OF PAGES 003 REEL/FRAME 7172/0512

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ASSIGNEE:

AB ASTRA

S-151, 85 SODERTALJE, SWEDEN

SERIAL NUMBER

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06/23/94

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ISSUE DATE

00/00/00

ColeScott EXAMINER/PARALEGAL ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

* No Docksting Required *
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Initials:
Reviewed by Fractice Systems

Reviewed El Billing Secretar